

IN THE CLAIMS:

Please amend claims 4, 5, 6, 8 and 9 as follows:

1. (original) A device for measuring pre-stressing force in a bolt/nut connection, comprising a screw nut that is provided with a sensor means for sensing the pre-stressing force, characterised in that the nut (1) is of standard design and that the nut itself constitutes a sensor body in that, in the outer peripheral surface (2) of the nut, at the chosen distance from the abutting surface of the nut (1) against the support (5), there is machined at least one recess (3) in which there is placed a sensor (4) that is adapted for sensing mechanical stress in the nut, and for providing a signal representing the stress, for transmission to an external recording device.

2. (original) A device according to claim 1, characterised in that the nut (1) is a standard hexagonal nut that is provided with a number of diametrically opposite recesses (3) in pairs.

3. (original) A device according to claim 1 or 2, characterised in that the recess or recesses (3) is/are placed approximately mid-way between the upper and lower side of the nut (1), and has/have a depth corresponding to approximately half the wall thickness of the nut.

4. (currently amended) A device according to claim 3, ~~any of the claims 1-3~~, characterised in that the nut (8) is shaped with a spherically convex abutment surface (9) that is adapted for abutment against a corresponding concave surface of the relevant support.

5. (currently amended) A device according to claim 3, ~~any of the claims 1-3~~, characterised in that the nut (10) is shaped with a spherically concave abutment surface (11) that is adapted for abutment against a corresponding convex surface (12) of the relevant support (13).

6. (currently amended) A device according to claims 1 or 2, ~~any of the preceding claims~~, characterised in that the sensor (4) is a so-called SAW sensor (SAW = Surface Acoustic Wave) which can be excited and read by radio, and which is provided with an appurtenant antenna (7).

7. (original) A device according to claim 6, characterised in that the sensor (4) is fit into the outer peripheral surface (2) of the nut (1) or in its top surface.

8. (currently amended) A device according to claim ~~6 or~~ 7, characterised in that the sensor (4) is arranged to receive energy from the recording device at a tuned radio frequency, and to deliver a signal representing the stress condition in the nut (1).

9. (currently amended) A device according to claim 8, ~~any one of the claims 6-8~~, characterised in that each sensor (4) is provided with an ID code, for enabling communication with several sensors within the same region.